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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014,663	12/14/2001	Tooru Hasegawa	217362US2	4871

22850 7590 09/29/2004

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
1940 DUKE STREET
ALEXANDRIA, VA 22314

EXAMINER

PHAN, HUY Q

ART UNIT	PAPER NUMBER
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2685

DATE MAILED: 09/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/014,663

Applicant(s)

HASEGAWA ET AL.

Examiner

Huy Q Phan

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 9 is/are rejected.
- 7) ☒ Claim(s) 2-8 and 10-16 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 December 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3.5.6</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. Drawing is objected to because of the following informalities: in figure 4, features 1, 6, 61, 62 and 63 should have descriptive labels. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 and 9 are rejected under 35 U.S.C. 102(e) as being anticipated by Granberg (US-6,195,543.

Regarding claim 1, Granberg discloses in figure 4, a mobile communication service control system comprising:

a home location register (fig. 4, HLR 76) storing subscriber information (col. 6, line 59-col. 7, line 5);

a switching unit (fig. 4, SSF 66) for sending to said home location register a subscriber information inquiry signal to inquire about said subscriber information upon processing of an incoming call (col. 7, lines 45-50); and

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a service control unit (fig. 4, SCP 52 with implemented SCF 54) for controlling a service provided for subscribers (col. 7, line 60-col. 8, line 18),

wherein said home location register stores service information necessary for a start of control of said service at said service control unit (col. 7, lines 1-5) and sends said service information along with a response signal to said subscriber information inquiry signal to said switching unit (col. 7, lines 53-59),

wherein said switching unit transfers said service information received from said home location register, to said service control unit (col. 7, lines 60-63), and

wherein said service control unit starts the control of said service when receiving said service information from said switching unit (col. 7, line 60-col. 8, line 18).

Regarding claim 9, Granberg discloses in figure 4, a mobile communication service control method of controlling a service by cooperation of a home location register (fig. 4, HLR 76) storing subscriber information (col. 6, line 59-col. 7, line 5); a switching unit (fig. 4, SSF 66) for sending to said home location register a subscriber information inquiry signal to inquire about said subscriber information upon processing of an incoming call (col. 7, lines 45-50); and a service control unit (fig. 4, SCP 52 with implemented SCF 54) for controlling a service provided for subscribers (col. 7, line 60-col. 8, line 18),

wherein said home location register stores service information necessary for a start of control of said service at said service control unit (col. 7, lines 1-5) and sends

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said service information along with a response signal to said subscriber information inquiry signal to said switching unit (col. 7, lines 53-59),

wherein said switching unit transfers said service information received from said home location register, to said service control unit (col. 7, lines 60-63), and

wherein said service control unit starts the control of said service when receiving said service information from said switching unit (col. 7, line 60-col. 8, line 18).

Allowable Subject Matter

Claims 2-8 and 10-16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a) Verkama et al. (US-6,628,950) disclose a method for restriction of incoming calls.
- b) Yoon (US-6,684,069) discloses a wireless intelligent network.
- c) Chan et al. (US-6,128,389) disclose a method for wireless communication management system.
- d) LaDue (US-6,185,198) discloses a wireless communication network.

- e) Granberg et al. (US-6,101,387) disclose the location services of mobile station.
- f) Bridges et al. (US-6,148,197) disclose an intelligent roaming system.
- g) Ghishler et al. (US-5,680,440) disclose a method of registration and connection in a communication network.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy Q Phan whose telephone number is 703-305-9007. The examiner can normally be reached on 8AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Urban F Edward can be reached on 703-305-4385. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner: Phan, Huy Q.

AU: 2685

Date: Sep. 17, 2004

